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Combining power and performance

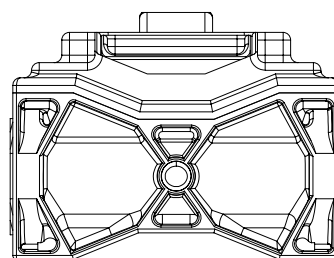
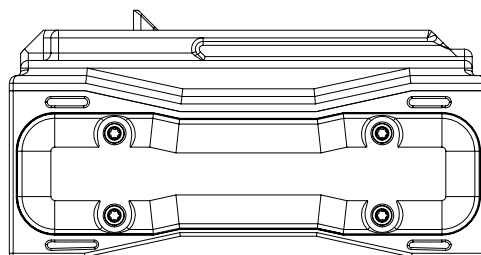
Power tool 18 V battery system



Johnson Matthey
Inspiring science, enhancing life

Technical specifications

Parameter	Standard
Nominal voltage	18 V
Cell configuration	5S1P
Cell type	Li-ion 21700
Cell life cycle	>600 @ 6A/10A, RT
Charging method	CC/CV (constant current / constant voltage)
Charging level after 60 min.	~50%
Nominal capacity	4 Ah
Nominal energy	72 Wh
Nom. charge current	2 A
Max. charge current	6 A
Max. charge Voltage	21 V
Nom. continous discharge current	up to 35 A
Max. continous discharge current	up to 50 A
Cut-off voltage	12.5 V
Charge operating temperature	0...50°C
Discharge operating temperature	-15...60°C
Storage	1 month: 0...60°C
Communication	3 months: 0...45°C
Ingress protection level	BT, CANBus - optional
Dimensions (L x W x H)	1 year: 0...20°C
	IP20
	126.4 x 87.9 x 65.3 mm



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